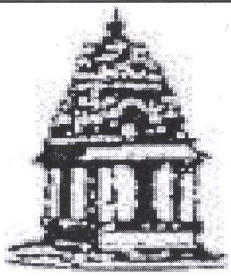

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

Name of the Work : **MODIFIED ESTIMATE FOR THE WORK OF CONSTRUCTION OF GYMNESIUM BUILDING NEAR GOVT. SCHOOL,GROUNDS, JAKKUR IN WARD NO 5,JAKKUR BYATARAYANAPURA SUB DIVISION.**

Modified Estimated Cost : **27,71,729.38**

Work Code : **005-18-000079**

		Cum							
	Columns		12	1.95	1.95	0.15	6.84		
	All Round Walls		1	47.95	0.75	0.15	5.39		
	Frens steps		1	2.95	1.05	0.15	0.46		
	for Flooring Hall		1	7.35+4.90 / 2	6.30+7.10 / 2	0.15	6.16		
	Store		1	3.20	2.50	0.15	1.20		
	Stair Case		1	3.00	1.55	0.15	0.70		
			1	3.00	2.00	0.15	0.90		
	Both		1	1.60	1.55	0.15	0.37		
			1	1.55	1.30	0.15	0.30		
			1	3.20	0.90	0.15	0.43		
	Flagging Concrete alround Building		1	11.10	0.90	0.15	1.50		
			1	10.30	0.90	0.15	1.39		
			1	7.05	0.90	0.15	0.95		
			1	9.35	0.90	0.15	1.26		
	For Connecting Road		1	58.50	4.50	0.15	39.49		
							67.35		
	Deduction of Colums		12	1.95	0.75	0.15	2.63		
	As per Tender Qty 38.06				**NET QTY**		64.72		
	up to 125% Qty 47.58						47.58	5256.36	250097.61
	above 125% Qty						17.14	5256.36	90098.61
5	KSRB 5.2-2 Providing and constructing granite / trap / basalt rubble stone masonry in foundation with mud mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No. 25/ Item No. 5.5								
		Cum							
	Alla Round Columns		1	47.95	0.75	0.45	16.18		
							16.18		
	Deduction for Columns		12	0.45	0.20	0.45	0.49		
	As per Tender Qty 12.30				**NET QTY**		15.70		
	up to 125% Qty 15.38						15.38	4359.96	67056.18
	above 125% Qty						0.32	4359.96	1382.65
6	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5-1.13 Page No. 26/ Item No. 5.9								
		Cum							
	Alla Round Columns		1	47.95	0.45	0.40	8.63		
							8.63		

	Deduction for Columns		12	0.45	0.20	0.40	0.43		
	As per Tender Qty 8.09				NET QTY		8.20	5405.40	44318.87
	up to 125% Qty 10.11								
7	Filling Availble exacavation earth (exucluding rock) in sides of Foundations up to plinth in layer by ramming after watering with load up to 50 m and lift up to 1.5 m including cost of all labours complete as per Specification, Specification No KSB 2.9 (P-2.10)PWD SR 2016-17								
	As per Tender Qty 118.21			Qty Vide Item No.2			113.94	137.16	15628.47
8	KSRB 15.1.3 --do-- Providing ruled pointing to coursed stone masonry with cement bmortar 1:3, 20mm after raking joints to depth of 20mm nicely lining including cost of materials labour curing complete as per specification (p.no 109/i.no 15.3)								
		Sqm							
			1	47.95		0.40	19.18		
	As per Tender Qty 19.29				Net Qty		19.18	105.84	2030.01
9	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 Item No 4.28								
		Sqm							
	F1		12	1.30		5.70	88.92		
							88.92	249.48	22183.76
	As per Tender Qty 88.92								
10	KSRB 4-1.7 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 Item No 4.7 Page 12								
	Coaping Concrete		1	5.00	2.00	0.15	1.50		
							1.50	5704.56	8556.84
	As per Tender Qty 3.20								
11	KSRB 4-6.9 :Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page no 15 Item No 4.36								
		Sqm							
	Allround Wall		2	47.95		0.15	14.39		
	Roof side wall		1	11.1		0.15	1.67		
			1	1.3		0.15	0.20		
			1	5.25		0.15	0.79		
			1	7.75		0.15	1.16		
	Tie Beam		1	47.95		0.15	7.19		
	Column Footing		12	8.4		0.75	75.60		
	As per Tender Qty 120.86						100.99	732.24	73947.09

12	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page no 15 Item No 4.32								
		Sqm							
	Stair Case		2	3.50		0.75	5.25		
	Landing		1	1.80		0.75	1.35		
	Raiser		22	0.90		0.15	2.97		
	As per Tender Qty 17.73					**Net Qty**	9.57	395.28	**3782.83**
13	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page no 15. Item No 4.34								
		Sqm							
			1	$\frac{11.10+10.30}{2}$	$\frac{7.75+5.25}{2}$		69.55		
	As per Tender Qty 73.96					**Net Qty**	69.55	276.48	**19229.18**
14	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page No 15 Item No4.37								
		Sqm							
	Chejjas W		1	3.00		1.50	4.50		
	W1		6	1.50		0.45	4.05		
	W2		1	1.95		0.45	0.88		
	V		2	0.90		0.45	0.81		
	V1		4	0.55		0.45	0.99		
	As per Tender Qty 10.40						11.23	**291.60**	**3273.94**
	up to 125% Qty 13.00								
15	KSRB 4.2.8: Providing and Laying in Position reinforced cement concrte of Nominal Mix 1:1:5:3 with 20 mm and down size graded granite metal machine mixed concrete laid in layers not excceding 15 cms thick vaibrated for RCC beams columns of all sizes in fundation plinth and superstrure ground floor level for columns, including cost of all materials labour HOM of Machinery curing. complete as per Specification. Specification No KBS 4.1.4.6 (P.No 13. Item No 4.17.)								
	Plinth Beam		1	47.95	0.20	0.30	2.88		
	Column Footing		12	1.80	1.80	0.75	29.16		
	Column		12	0.45	0.20	5.20	5.62		
	Lintels		1	47.95	0.20	0.20	1.92		
	Tie Beam		1	47.95	0.20	0.20	1.92		
	RCC Roof		1	11.10+10.30	7.75+5.25	0.15	10.43		
				2	2				
	Stair Case		2	3.50	0.90	0.125	0.79		
			1	1.80	1.40	0.125	0.32		
			22*0.5	0.90	0.30	0.125	0.37		

	Building Surrounding		1	11.10	0.10	0.150	0.17		
			1	10.30	0.90	0.15	1.39		
			1	7.05	0.90	0.15	0.95		
			1	9.55	0.90	0.15	1.29		
	Sump		2	3.00	0.20	2.85	3.42		
			2	2.00	0.20	2.85	2.28		
	Covering Slab		1	3.00	2.40	0.20	1.44		
	For Connecting Road		1	58.50	4.50	0.10	26.33		
	As per Tender Qty 100.48					Net Qty	90.66	6650.64	602927.07
16	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 Page No 16 Item No 4.46								
		Qntl							
	115 Kg/Cum		115	60.53			6961.18		
	As per Tender Qty 7.37						6.96	60534.00	421388.07
17	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per sqmm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No 24 , Item No 5.27								
		Sqm							
	Long Wall		1	11.1		3.6	39.96		
			1	10.30		3.6	37.08		
	Short Wall		1	4.85		3.6	17.46		
			1	7.35		3.6	26.46		
			1	7.3		3	21.90		
			3	3.2		3	28.80		
			1	1.55		2.1	3.26		
	Parapet		1	47.95		0.60	28.77		
							203.69		
	Deduction ED		1	3.00		2.10	6.30		
	D1		2	0.75		2.10	3.15		
	W1		6	1.50		1.15	10.35		
	W2		1	1.95		1.15	2.24		
	V		2	0.90		0.60	1.08		
	V1		2	0.90		1.50	2.7		
	V2		2	0.60		0.60	0.72		

	Open		2	0.75		2.10	3.15		
							29.69		
	As per Tender Qty 176.78						173.99	1011.96	176073.45
18	KSRB 5-15 : Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not less than 3.5 Newton per sqmm with cement mortar 1:4 (Jamb, closer blocks) with blocks of size 40x10x20cms. (lxbxh) conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No 24 Item No 5.28								
		Sqm							
	Partition Wall		1	3.25		3.60	11.70		
			2	1.20		3.60	8.64		
							20.34		
	Deduction D 1		2	0.75		2.10	3.15		
							3.15		
	As per Tender Qty 17.19					Net Qty	17.19	773.28	13292.68
19	KSRB15-3.9 :Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No 97 Item No 15.17								
		Sqm							
	Out Side Walls		1	10.30		4.40	45.32		
			1	11.10		4.40	48.84		
	Front		1	7.75		4.40	34.10		
	Back		1	5.25		4.40	23.10		
	Stair case		2	3.00		2.10	12.60		
			2	3.20		2.10	13.44		
							177.40		
	Deduction ED		1	3.00		2.10	6.30		
	W1		6	1.50		1.15	10.35		
	W2		1	1.95		1.15	2.24		
	V		4	0.90		1.50	5.40		
	V2		2	0.60		0.60	0.72		
							25.01		
	As per Tender Qty 137.29						152.39	588.60	89695.28
	up to 125% Qty 171.61								
20	KSRB15-3.12 :Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No 98. Item No 15.20								
		Sqm							
	Hall		1	7.10		3.00	21.30		
			1	6.30		3.00	18.90		
			1	7.35		3.00	22.05		
			1	4.90		3.00	28.08		
	Staircase Room		2	3.70		3.00	22.20		

	Store		2	2.50		3.00	15.00		
			2	3.20		3.00	19.20		
	Toilet		2	1.55		3.00	9.30		
	Rooms		2	1.60		3.00	9.60		
			2	1.30		3.00	7.80		
			2	1.55		3.00	9.30		
	Passage		2	3.50		3.00	21.00		
			2	0.90		3.00	5.40		
	Staircase Side		2	3.70		3.00	22.20		
							231.33		
	Deduction ED		1	3.00		2.10	6.30		
	D1		2	0.75		2.10	3.15		
	W1		6	1.50		1.15	10.35		
	W2		1	1.95		1.15	2.24		
	V		4	0.90		1.50	5.40		
	V2		2	0.60		0.60	0.72		
	Open		2	0.75		2.10	3.15		
							28.16		
	As per Tender Qty 248.04						**203.17**	**224.64**	**45639.55**
21	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page no 98 Item No 15.21								
		Sqm							
	Hall		1	7.30+4.90		7.10+6.30	40.87		
	Store		3	3.20		2.5	24		
	Toilet		1	1.60	1	1.55	2.48		
			1	1.55		1.30	2.015		
	Passage		1	3.20		0.90	2.88		
							72.25		
	As per Tender Qty 66.28					**Net Qty**	**72.25**	**208.44**	**15058.75**
	Up to 125% Qty 82.85								
22	Providing Line rendering for plastaring to wall and celling including cost of materials labour curing complete as per Specifications Page no 99 Item No 51.33								
		Sqm	**Qty Vide Item No 20+21**				**275.41**		
	As per Tender Qty 314.32					**Net Qty**	**275.41**	**18.36**	**5056.57**
23	KSRB15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page no98 Item No 15.18								
		Sqm							
			1	$\frac{10.65+9.85}{2}$	$\frac{7.30+4.80}{2}$		62.01		
	As per Tender Qty 63.10						**62.01**	**279.72**	**17345.44**

24	KSRB 14.10-1: Flooring with 25mm to 40mm thick polished tandur blue stone slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, , including cost of materials, labour, curing, polishing complete as per specifications. Specification No. KBS Page no 89 Item No 14.15								
		Sqm							
	Hall		1	7.30+4.90 / 2	7.10+6.30 / 2		40.87		
	Store		1	3.20	2.50		8.00		
			1	3.20	0.90		2.88		
	Stair case		1	3.20	1.50		4.80		
	Steps		23	0.75	0.15		2.59		
			21	0.75	0.15		2.36		
	Landing		1	1.50	0.75		1.13		
	Hall Skerting		1	43.30	0.15		6.50		
							69.12		
	As per Tender Qty 57.39					**Net Qty**	69.12	1210.68	83682.20
	up to 125% Qty 71.74								
25	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles of size 30x30cms 6mm thick Page No 93 Item No 14.36.2								
		Sqm							
	Toilet		1	1.60	1.55		2.48		
			1	1.55	1.30		2.02		
	Passage		1	3.20	0.90		2.88		
							7.38	1270.08	9366.84
	As per Tender Qty 6.79								
	up to 125% Qty 8.49								
26	KSRB 14-17.1 : Providing skirting, dado, rises of steps with white glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 Page No 94. Item No 14.41								
		Sqm							
	Passage		2	3.20		2.10	13.44		
			1	0.9		2.10	1.89		
	Toilets		2	1.55		2.10	6.51		
			2	1.30		2.10	5.46		
			2	1.60		2.10	6.72		
			2	1.55		2.10	6.51		
							40.53		

	Deduction		2	0.75		2.10	3.15		
	Open		1	0.75		2.10	1.58		
							4.73		
						Net Qty	35.81	1157.76	41453.60
	As per Tender Qty 34.89								
	up to 125% Qty 43.61								
27	KSRB 7.17 : Providing, fabricating, assembling and fixing in position aluminium doors using following aluminium mat finish or glossy finish, outer frame plain section 101.6x44.45mm thickness 3.18mm, section weight 2.404 kg/m, door shutters vertical section 44.62x44.45mm thickness 3.18mm, section weight 1.505kg/m, top section 47.62x44.45mm thickness 3.00mm, section weight 1.426kg/m bottom section 114.3x44.45 thickness 3.18mm, section weight 2.646kg/m, door central section 49.91x44.45mm thickness 3.00mm, section weight 1.495 kg/m glazing clips 19x17.3x11mm thickness 0.9mm section weight 0.124kg/m; aluminium sections cut to length joint metred cornersgrinded, the shutters pivoted opening arrangement with heavy duty aluminium alloy automatic door closures floor mounted, providing and fixing standard approved accessories, such as aluminium handle for full width or length, tower bolts, lock, pivots: P.V.C. or rubber gasket with 5.5m. thick plain glass for top and bottom panel; aluminium sections treated for removal of any rust and prevention of further rust formation, and coated with greasy materials for non-adherance of mortars or any other sticky materials; the assembled frame fitted with the corner angles, strips and fitted with screws, rawl plugs or teakwood gutties to R.C.C. columns or masonry on sides. beams and flooring in bottom. including cutting, chistling and making good with cement mortar to match the surface; all the frames throughly cleaned free from rust, scale, or dirt including cost of materials, fixtures, labour and HOM of machinery complete as per								
	Qty Vide Item No 16	Cum					6.96		
	As per Tender Qty 6.00					Net Qty	6.96	6718.68	46769.94
	up to 125% Qty 7.50								
28	KSRB 9.4-3 : Providing Mathi / Nandi wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33 Page No 45 Item No 9.12								
		Cu,M							
	Vertical Side		2	3.3	0.1	0.075	0.05		
	Horizontal Side		1	2.1	0.1	0.075	0.02		
	As per Tender Qty 0.05					Net Qty	0.07		
	up to 125% Qty 0.06						0.06	87255.36	5235.32
	Above 125% Qty						0.01	87255.36	458.09
29	KSRB 9-27.1 : Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications. Page no 51 Item No 9.80								
		Nos							
			1				1.00		

	As per Tender Qty 1.00						1.00	1138.32	1138.32
30	SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm fro styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m.m Aluminium hinges.								
		Sq,M							
			1	0.75		2.10	1.58		
	As per Tender Qty 1.89						1.58	3448.44	5431.29
31	SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm fro styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m.m Aluminium hinges. Page No 52 Item No 9.83								
		Sqm							
			1	0.75		2.10	1.575		
	As per Tender Qty 5.04						1.58	3448.44	5431.29
32	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for								
		Cum							
		W1	6	1.50	1.15		10.35		
		W2	1	1.95	1.15		2.24		
		V1	4	0.90	1.50		5.40		
		V2	2	0.60	0.60		0.72		
	As per Tender Qty 22.36					Net Qty	18.71	4123.44	77159.87

33	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 Page no 31 Item No 7.9								
	Qty Vide Item No 32	Cum					18.71		
	As per Tender Qty 427.14			i e. 18.71 * 21 Kg/Sqm			392.96	84.24	33103.16
34	KSRB 7.5 : Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications. Shutter size 3mm&8 m Specification No. KBS 7.10 / 7.12 Page no 30 Item no 7.5								
		Sqm							
	As per Tender Qty 5.06		1	3.00	2.10		6.30	3090.96	19473.05
	up to 125% Qty 6.33								
35	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer Page no 102 Item No 15.53.2								
	Qty Vide Item No. 19	Cum					152.39		
						Net Qty	152.39	90.72	13824.59
	As per Tender Qty 137.29								
	up to 125% Qty 171.61								
36	KSRB 15-15.3 : Providing and applying painting in one coat with plastic emulsion paint								
	Qty Vide Item No. 22	Cum					275.41		
	As per Tender Qty 296.98					Net Qty	275.41	97.20	26770.10
37	KSRB 15-17.6 : Providing and applying painting two coats (excluding priming coat) on								
		Sqm							
			2	0.75		2.10	3.15		
	As per Tender Qty 4.91						3.15	90.72	285.77
38	KSRB 5.1-2 : Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1:8 (uncoursed), bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.12 Page no 22 Item no 5.2								

		Cum							
			1	3.14 X 6.25		3.00	14.72		
				4					
	As per Tender Qty 11.02						14.72		
	up to 125% Qty 13.78						13.78	3317.76	45718.73
	above 125% Qty						0.94	3317.76	3114.55
39	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. - 10 cms thick Page no 24 Item No 5.31.3								
		Cum							
	As per Tender Qty 4.32						4.32	841.32	3634.50
40	KSRB 8.6-5 : Providing and fixing on wall surface 2.5 kg / sq.cm H.D.P.E. rain down water pipes 90 mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, curing complete as per specifications. Page no 42 Item No 8.16								
		Sqm							
			6	5.00			30.00		
	As per Tender Qty 36.000					Net Qty	30.00	429.84	12895.20
									2497053.49
41	KRIDL CHARGES 11%								274675.88
	Total								27,71,729.38

1 Estimate Sanction amount Rs =2800000.00
2 Tender Agriment Amount Rs = 27,74,284.00 (Including KRIDL Charges)

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Technical Sanction
Accorded For ₹27,71,729.00
Head of A/C..P.32.....
CER NO :..24..... Dt 25/09/2019

[illegible]
[illegible] CE (YNKT)